



NAFI IPT
2 October 2003



IPT Agenda

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- NAFI Production Database Status
 - System Statistics
 - EDA Trouble Tickets
 - NAFI Development Activity
 - NAFI Infrastructure Enhancements
 - Miscellaneous Issues
 - Future Meetings



NAFI Production Database Status



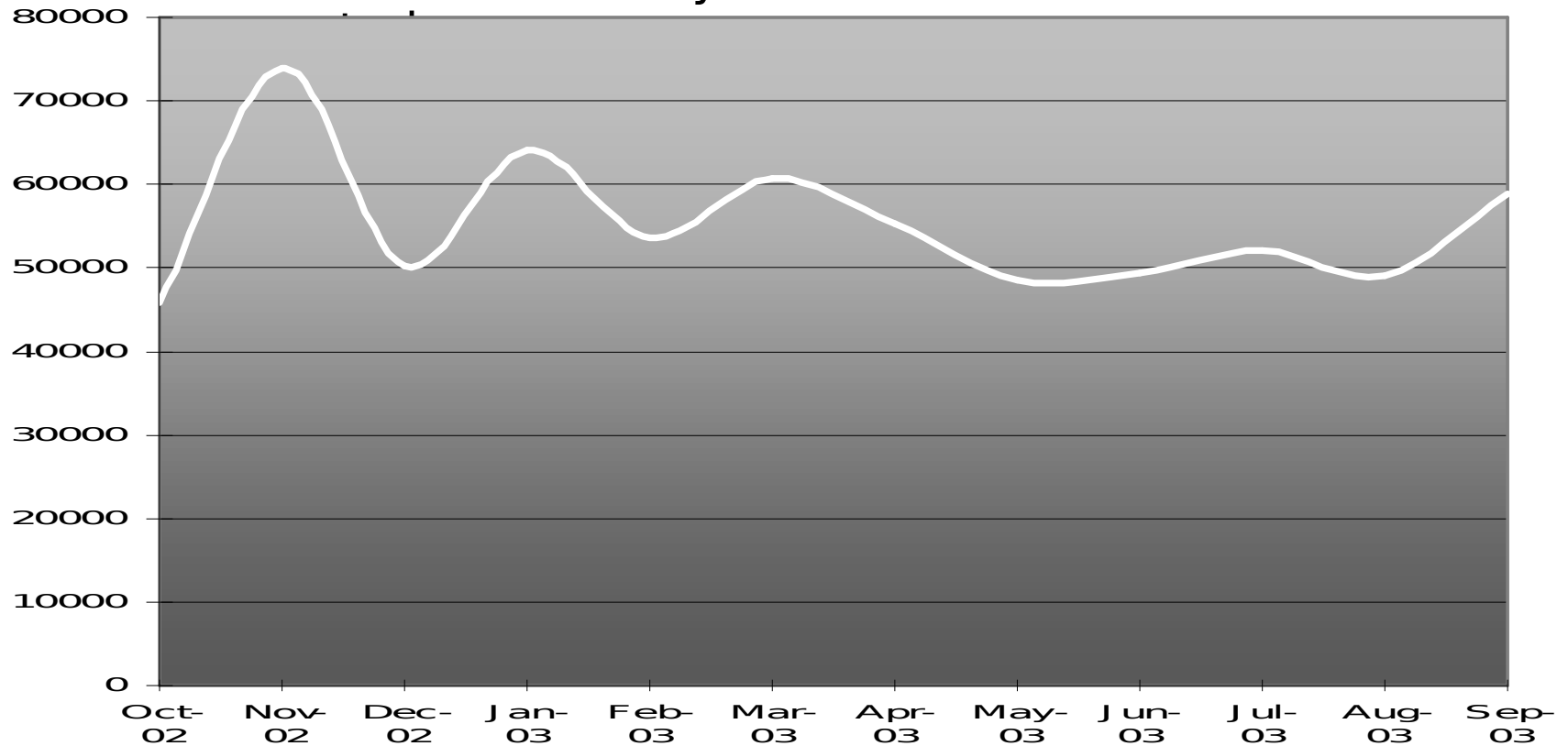
- Event: on 30 July, NAFI documents not viewable on Production
 - Cause: server component failure at the Indian Head Data Center.
 - Action taken: repaired database drive array and restored data.
- Current status: NAFI Production environment fully functional.
- Going Forward:
 - Some files were not able to be restored from tape, because the tape backup on July 30 had not yet run when the drive array crashed.
 - NAFI Support has contacted site leads to request specific files to be reuploaded that could not be recovered from tape.
 - The NAFI community needs your assistance to reupload remaining files:
 - Navy: **54** files to be reuploaded
 - Air Force: **5** files to be reuploaded
 - To mitigate future risk of a drive array crash, a new, higher performance database drive array and tape backup system have been purchased, and are scheduled for installation in November, 2003.



System Statistics – Files Downloaded



- File download activity increased at End of Year as

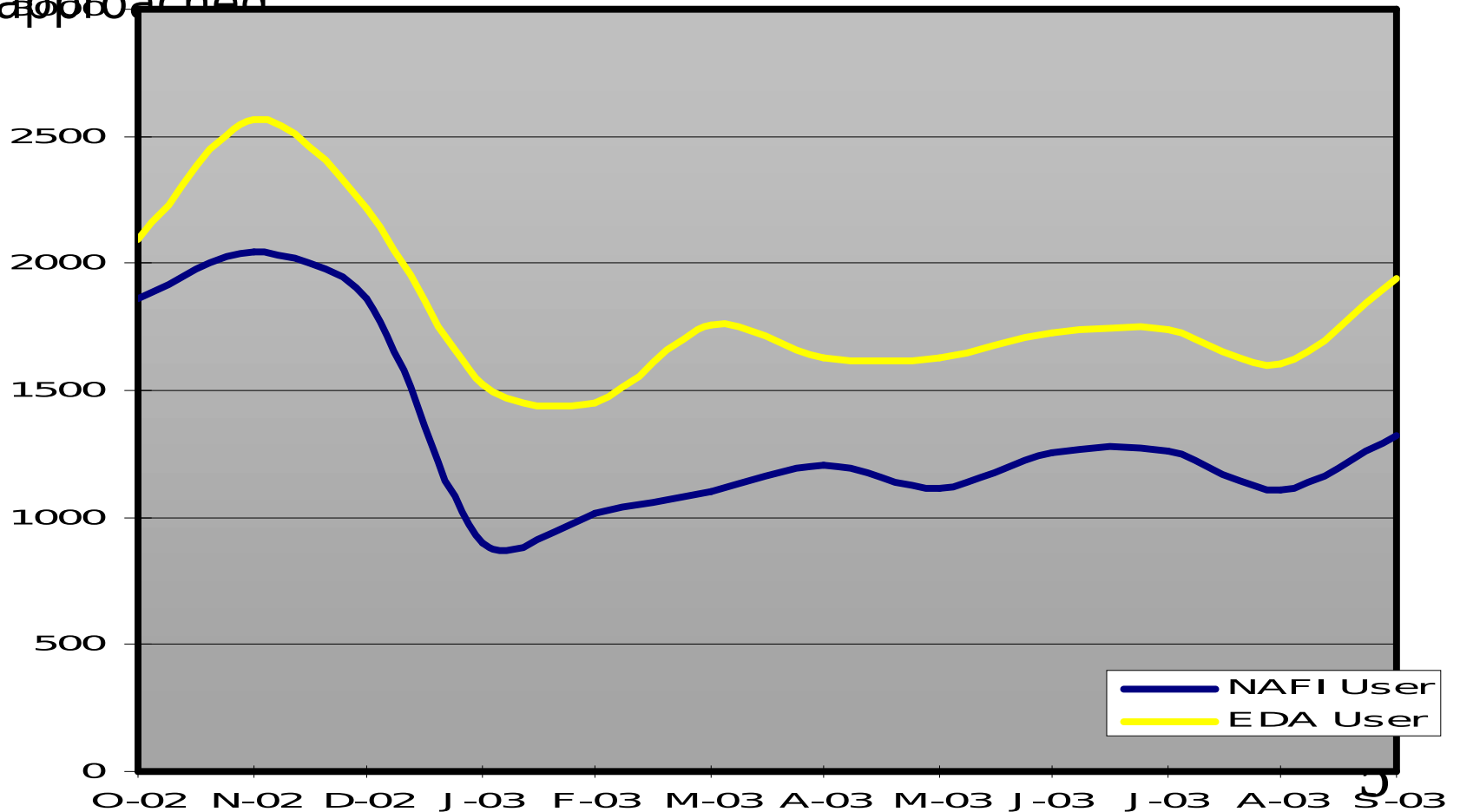




System Statistics – User Sessions



- User Sessions per day increased in September, as End of Year approached





EDA Trouble Tickets

- Resolution rate of EDA TT's continues to be very high with **73** tickets resolved since last IPT.
- All sites very responsive and majority of tickets are resolved within 1 week of site receipt.
- Currently; 14 Navy Tickets and 20 AF tickets remain open.
- Resolution of tickets must continue to be a top priority within all claimants.
- Statistics:
 - Total Number of active AF Files in NAFI: **682,298**
 - Total Number of active Navy files in NAFI: **1,049,043**
 - Total Number of Open TTs created by OHD, assigned to NAFI: **34**
 - % of NAFI Files that turn into an OHD TT: **>.00001%**



EDA Trouble Tickets

- Current Ticket Statistics (as of 10/1/03)
- TT Total for AF and Navy= 34

Claimant	Ticket Total	% of total
AF	20	59%
BUMED	0	0%
NAVAIR	1	3%
NAVCENT	0	0%
NAVFAC	0	0%
NAVSEA	5	14%
NAVSUP	1	3%
ONR	0	0%
SPAWAR	4	12%
CINCUSNAVEUR	2	6%
USMC	1	3%
Total	34	100%



NAFI Development Activity-NAFI Version 4.2



- NAFI Version 4.2 was released to Production and Failover on September 6, 7.
- NAFI Version 4.2 addressed approved SCRs and DRs:
 - SCR#10 – Simplify Contract Notification Process
 - SCR#11 – Modify Content of Notification Email
 - SCR#12 - Change Nomenclature on NAFI screen.
 - DR: Contract Reports
 - DR: Auto-Archive of Notification Data
 - DR: Notification Log Functionality
- New Help Guide:
 - An updated User Guide for 4.2 was posted when 4.2 was released.
 - However, to assist users in better learning new NAFI 4.2 functionality, a revised Help Guide with step-by-step tutorials will be posted to the NAFI website on Friday, October 3.



NAFI Development Activity-NAFI Version 4.2



- Lessons learned from NAFI Version 4.2:
 - Requirements:
 - For future NAFI releases, strongly encourage NAFI Command Account Managers to bring at least one NAFI “Power User” from their command to participate in requirements gathering sessions with the NAFI Team to better elaborate key features and functionality that will be most useful in the field.
 - Testing:
 - For future releases, recommend involving NAFI “Power Users” earlier in the testing process, to identify training issues and strategies to help users learn new functionality.
 - Release Notes and New Functionality:
 - The NAFI Team will work with Command Account Managers to get the word out earlier about new functionality that impacts users, even further in advance, via Release Plans that explain more clearly upcoming functionality.



NAFI Development Activity-NAFI Version 4.3



- Per order from DASN(Acquisition), the NAFI Team is modifying NAFI to accept uploading of DD1716 Reports.
- Design Review Group:
 - A design review group met on August 4 to discuss the work flow process and use cases.
- NAFI Version 4.3 is currently in Coding Phase.
- Testing Group:
 - The NAFI Team will be inviting users to preview and test NAFI 4.3 on Beta, starting October 20.
- Scheduled release date for NAFI 4.3 is November 8:
 - Originally scheduled release date was November 1.
 - However, EDA leadership has advised that EDA 6.1.1 will be released on November 1. Best practice is to avoid having two major inter-related systems both issuing new releases on the same day.
 - As a result, the NAFI Team recommends releasing NAFI 4.3 the following weekend, on November 8.



NAFI Development Activity-NAFI Version 4.4



- The NAFI SCR Prioritization meeting was held on September 17, to review stakeholder feedback on four prioritized SCRs.
- In response to votes received, NAFI 4.4 will address the following prioritized SCRs:
 - SCR#15 - Guaranteed and Secure Delivery of Interface Files
 - SCR#7 - Notification of Manually Uploaded Contracts
- Response from the field is that SCR #13, Real Time Data Replication, is a very high priority SCR:
 - Implementing SCR #13 will require SQL Server 2000.
 - Without SQL Server 2000 in place at present, decision was made to proceed with implementing SCR#15 and #7 in NAFI 4.4
 - However, if SQL Server 2000 licenses are procured in FY04, Real Time Data Replication can be scheduled for a future NAFI release.
- NAFI Version 4.4 is currently in requirements planning phase.
- Scheduled release date for NAFI 4.4 is January, 2004.



NAFI SCRs



- SCR#1 – Upgrade to Enforcer 1.2
 - The NAFI Team is continuing research on whether upgrading to Enforcer 1.2 would provide any benefit.
 - Results to be presented at December IPT.
- SCR#7 – Notification of Manually Uploaded Contracts - Approved
 - Scheduled for implementation in NAFI 4.4
 - Currently, upload logs are not sent to sites for contracts that are manually uploaded to NAFI.
 - Potential new functionality could create a log for all manually uploaded contracts for a specific Issue DoDAAC
 - The manual upload log for each site would be Emailed to Activity Leads on a daily basis, similar to existing Daily Interface Logs.
 - LOE: Medium



NAFI SCRs

- SCR#13 – Real Time Data Replication Capability - Approved
 - Pending implementation of SQL Server 2000
 - Currently, Production data is backed up once a day and copied to Failover.
 - Recent drive array crash on Production on 7/30/03 and subsequent prolonged restore process from tape indicate that capability to replicate Production data to Failover in real time may be desirable, to provide a “hot Failover” environment.
 - LOE: Medium



NAFI SCRs

- SCR#14 – Post Daily Interface Logs to Notification Portal
 - Currently, Daily Interface Logs are Emailed to Activity Leads.
 - Experience has shown that some Daily Interface Logs are not received by Activity Leads, sometimes due to sporadic problems with Email at the site level.
 - Potential to expand on Notification Portal functionality in NAFI 4.2 to include posting of Daily Interface Logs to the Notification Portal for viewing by Activity Leads and Command Account Managers on NAFI.
 - LOE: Medium to High



NAFI SCRs

- SCR#15 – Guaranteed / Secure Delivery of Interface Files - Approved
 - Scheduled for implementation in NAFI 4.4
 - Currently, FTP servers at individual sites establish a point to point connection with NAFI to upload files, with FTP sent “in the clear.”
 - Experience has shown that sites may sporadically encounter difficulty uploading files to NAFI with current FTP process, which does not provide insight into the number of files the site attempted to send, versus the number of files actually received by NAFI.
 - Potential to implement guaranteed and secure delivery of batch uploads to NAFI, resulting in more timely posting to NAFI, and improved security.
 - Use of a common interface via integration broker improves delivery, security, and moves toward an integrated approach.
 - LOE: Medium to High



NAFI SCRs

- SCR#16 – Improved Reporting Capabilities
 - Currently, NAFI provides specific, pre-defined reports, which offer user-selected “filterable” options.
 - Experience has shown that high-level users at executive and management levels often need more ad-hoc and “drill-down” reporting capabilities of NAFI data, such as that afforded by data mining of “cubed data.”
 - Experience has shown that properly formatted graphs and charts may be easier to understand than complex numerical tables.
 - Potential for “click on graph element to view underlying data” capabilities.
 - Potential to implement basic data mining capabilities under NAFI Reports.
 - LOE: Medium to High



NAFI SCRs

- SCR#17 – Automated Conversion of .tif to .pdf format
 - Currently, some sites upload .tif format files to NAFI, which are difficult for users without .tif readers to view. Mostly impacts DFAS users, who can not install .tif readers on their workstations.
 - Currently, NAFI does not automatically convert .tif to .pdf format.
 - Experience has shown that payment may be delayed when .tif files are not viewable by DFAS users, resulting in a generation of trouble tickets to originating site to manually convert .tif files to .pdf format.
 - Potential for NAFI to automatically convert .tif files to .pdf format, resulting in fewer trouble tickets for originating sites and more prompt payment.
 - LOE: Medium to High



NAFI SCRs

- SCR#18 – Automated Building of Notification List from Files Received via Interfaces
 - Currently, selection of recipients for notification of files uploaded to NAFI is a manual process, both for files received via manual upload and automated interface.
 - Potential for NAFI to automatically build a notification list for files received via interfaces, using the default distribution list for a specific contract, if a default distribution list already exists on NAFI.
 - Potential for substantial time savings and fewer errors when selecting recipients for notification.
 - LOE: Medium to High



NAFI Infrastructure Enhancements - In Process



- Windows 2000 Server
 - NAFI infrastructure is currently based on Windows NT.
 - Microsoft has announced that support for Windows NT will be phased out, starting Jan. 04.
 - To avoid the risk of losing technical support for Windows NT, the NAFI infrastructure is being upgraded to Windows 2000 server:
 - NAFI Development and Beta Environments have already been upgraded to Windows 2000 server and are operating smoothly.
 - Production and Failover Environments scheduled migration is October 25, 26.
 - Testing will be coordinated with EDA and DFAS to facilitate a smooth transition.
 - Benefits: more stable operating system than NT, improved performance.



NAFI Infrastructure Enhancements - In Process



- Production Database Drive Array
 - New and larger Production and Failover database drive arrays have been purchased, in response to the Production drive array crash that occurred on July 30 due to accumulated heat stress.
 - Installation to be scheduled for November, 2003.
 - Brief or no system downtime required.
 - Benefits: larger capacity, faster access.
- Database Tape Backup System
 - New and faster Production and Failover tape drive units have been purchased, to replace the previous tape drive library.
 - Installation to be scheduled for November, 2003.
 - Brief or no system downtime required.
 - Benefits: larger capacity, faster restore time.



Miscellaneous

- Naval Acquisition Procedures Supplement (NAPS): 5204.201 (DFARS 204.201)
 - Requires all DoN activities to upload executed contracts / mods within 2 working days of execution to NAFI.
 - There is no dollar amount threshold.
 - Contracts / mods paid for by GCPC must also be uploaded to NAFI within the 2 day time period specified by NAPS.
 - Most DoN sites are certified with DFAS, which relies on NAFI-posted contract for payment.
 - Stress to your activities the importance of timely posting of executed contracts / mods to NAFI.
 - Contact the NAFI Help Desk immediately if your site is experiencing technical difficulties with either the manual or automated upload process.



Future IPT Dates



- Scheduled IPT Dates
 - Thursday, 12/04/03
 - Thursday, 2/05/04